Access DB# 73285

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: _____ Examiner # :_____ Date: _____
Art Unit: _____ Phone Number 30_____ Serial Number: _____
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

_____

Earliest Priority Filing Date: _____

***For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.**

Jan Delaval
Reference Librarian
Biotechnology & Chemical Library
CM1 1E07 – 703-308-4498
jan.delaval@uspto.gov

****

STAFF USE ONLY	Type of Search		Vendors and cost where applicable	
Searcher: MM	NA Sequence (#)_____		STN _____	
Searcher Phone #: 4658	AA Sequence (#)_____	✓	Dialog _____	
Searcher Location: _____	Structure (#) _____		Questel/Orbit _____	
Date Searcher Picked Up: 5/4/02	Bibliographic _____		Dr.Link _____	
Date Completed: 5/4/02	Litigation _____		Lexis/Nexis _____	
Searcher Prep & Review Time: _____	Fulltext _____		Sequence Systems ✓	
Clerical Prep Time: 10	Patent Family _____		WWW/Internet _____	
Online Time: 10	Other _____		Other (specify)_____	

PTO-1590 (8-01)

GenCore version 4.5

OM protein - protein search, using sw model

Run on: August 14, 2002, 10:48:34 ; Search time 308.18 Seconds
(without alignments)
31.980 Million cell updates/sec

Title: US-09-785-059-1
Perfect score: 135
Sequence: 1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 3502263 seqs, 351980561 residues

Total number of hits satisfying chosen parameters: 3502263

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending_Patents_AA_Main:*
1: /cgn2_6/ptodata/2/paa/PCTUS_COMB.pep:*
2: /cgn2_6/ptodata/2/paa/US06_COMB.pep:*
3: /cgn2_6/ptodata/2/paa/US07_COMB.pep:*
4: /cgn2_6/ptodata/2/paa/US080_COMB.pep:*
5: /cgn2_6/ptodata/2/paa/US081_COMB.pep:*
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23: /cgn2_6/ptodata/2/paa/US099_COMB.pep:*
24: /cgn2_6/ptodata/2/paa/US100_COMB.pep:*
25: /cgn2_6/ptodata/2/paa/US101_COMB.pep:*
26: /cgn2_6/ptodata/2/paa/US60_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	135	100.0	28	1	PCT-US02-04432-1	Sequence 1, Appli
2	135	100.0	28	1	PCT-US02-04812-1	Sequence 1, Appli
3	135	100.0	28	21	US-09-785-058-1	Sequence 1, Appli
4	135	100.0	28	21	US-09-785-059-1	Sequence 1, Appli
5	135	100.0	28	24	US-10-079-075-1	Sequence 1, Appli
6	135	100.0	31	1	PCT-US02-04432-2	Sequence 2, Appli
7	135	100.0	31	1	PCT-US02-04812-2	Sequence 2, Appli
8	135	100.0	31	21	US-09-785-058-2	Sequence 2, Appli
9	135	100.0	31	21	US-09-785-059-2	Sequence 2, Appli
10	135	100.0	31	24	US-10-079-075-2	Sequence 2, Appli
11	122	90.4	28	11	US-08-786-748-160	Sequence 160, App
12	117	86.7	28	11	US-08-786-748-14	Sequence 14, Appl
13	117	86.7	28	11	US-08-786-748-19	Sequence 19, Appl
14	117	86.7	28	11	US-08-786-748-24	Sequence 24, Appl
15	112	83.0	28	11	US-08-786-748-1	Sequence 1, Appli
16	112	83.0	338	6	US-08-255-208-26	Sequence 26, Appl
17	112	83.0	338	6	US-08-255-208A-26	Sequence 26, Appl
18	112	83.0	338	7	US-08-360-107-100	Sequence 100, App
19	112	83.0	338	8	US-08-470-896-90	Sequence 90, Appl
20	112	83.0	338	8	US-08-471-913-90	Sequence 90, Appl
21	112	83.0	338	8	US-08-475-668-90	Sequence 90, Appl
22	112	83.0	338	8	US-08-484-223-90	Sequence 90, Appl
23	112	83.0	338	8	US-08-484-223A-90	Sequence 90, Appl
24	112	83.0	338	8	US-08-485-546-90	Sequence 90, Appl
25	112	83.0	338	8	US-08-485-546A-90	Sequence 90, Appl
26	112	83.0	338	8	US-08-485-551-90	Sequence 90, Appl
27	112	83.0	338	8	US-08-487-266-90	Sequence 90, Appl
28	112	83.0	338	8	US-08-487-266A-90	Sequence 90, Appl
29	112	83.0	338	8	US-08-487-355-90	Sequence 90, Appl
30	112	83.0	338	8	US-08-487-355A-90	Sequence 90, Appl
31	112	83.0	338	13	US-08-919-600-90	Sequence 90, Appl
32	112	83.0	338	19	US-09-502-445-90	Sequence 90, Appl
33	112	83.0	345	1	PCT-US00-00456-8	Sequence 8, Appli
34	112	83.0	345	6	US-08-263-253-2	Sequence 2, Appli
35	112	83.0	345	12	US-08-817-441-49	Sequence 49, Appl
36	112	83.0	345	18	US-09-480-336-8	Sequence 8, Appli
37	112	83.0	345	21	US-09-779-451-8	Sequence 8, Appli
38	112	83.0	345	24	US-10-026-741-49	Sequence 49, Appl
39	112	83.0	410	4	US-08-091-845-7	Sequence 7, Appli
40	112	83.0	410	9	US-08-517-750-8	Sequence 8, Appli
41	112	83.0	410	13	US-08-957-394-8	Sequence 8, Appli
42	112	83.0	856	1	PCT-US00-13487-11	Sequence 11, Appl
43	112	83.0	856	1	PCT-US91-08843A-2	Sequence 2, Appli
44	112	83.0	856	1	PCT-US91-08843A-2	Sequence 2, Appli
45	112	83.0	856	3	US-07-618-542-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
PCT-US02-04432-1
; Sequence 1, Application PC/TUS0204432
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04432
; CURRENT FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04432-1

Query Match 100.0%; Score 135; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
||||||||||||||||||||||||||||
Db 1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28

```
RESULT   2
PCT-US02-04812-1
; Sequence 1, Application PC/TUS0204812
; GENERAL INFORMATION:
;  APPLICANT: Ronald C. Montelaro
;  APPLICANT:  Timothy A. Mietzner
;  TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;  FILE REFERENCE: A34001-PCT / 072396.0223
;  CURRENT APPLICATION NUMBER: PCT/US02/04812
;  CURRENT FILING DATE:  2002-02-19
;  NUMBER OF SEQ ID NOS: 12
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
;   LENGTH: 28
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04812-1


  Query Match             100.0%;  Score 135;  DB 1;  Length 28;
  Best Local Similarity   100.0%;  Pred. No. 2.7e-12;
  Matches   28;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
          ||||||||||||||||||||||||||||
Db      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28


RESULT   3
US-09-785-058-1
; Sequence 1, Application US/09785058
; GENERAL INFORMATION:
;  APPLICANT: Ronald C. Montelaro
;  APPLICANT:  Timothy A. Mietzner
;  TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;  FILE REFERENCE: A 34001 / 072396.0222
;  CURRENT APPLICATION NUMBER: US/09/785,058
;  CURRENT FILING DATE:  2001-02-16
;  NUMBER OF SEQ ID NOS: 12
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
;   LENGTH: 28
;   TYPE: PRT
;   ORGANISM: Artifical sequence
;   FEATURE:
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-058-1


  Query Match             100.0%;  Score 135;  DB 21;  Length 28;
  Best Local Similarity   100.0%;  Pred. No. 2.7e-12;
  Matches   28;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
          ||||||||||||||||||||||||||||
Db      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28


RESULT   4
US-09-785-059-1
; Sequence 1, Application US/09785059
; GENERAL INFORMATION:
;  APPLICANT: Ronald C. Montelaro
;  APPLICANT:  Timothy A. Mietzner
;  TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;  FILE REFERENCE: A33577 / 072396.0217
;  CURRENT APPLICATION NUMBER: US/09/785,059
;  CURRENT FILING DATE:  2001-02-16
;  NUMBER OF SEQ ID NOS: 12
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
;   LENGTH: 28
;   TYPE: PRT
;   ORGANISM: Artifical sequence
;   FEATURE:
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-059-1


  Query Match             100.0%;  Score 135;  DB 21;  Length 28;
  Best Local Similarity   100.0%;  Pred. No. 2.7e-12;
  Matches   28;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
          ||||||||||||||||||||||||||||
Db      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28


RESULT   5
US-10-079-075-1
; Sequence 1, Application US/10079075
; GENERAL INFORMATION:
;  APPLICANT: Ronald C. Montelaro
;  APPLICANT:  Timothy A. Mietzner
;  TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;  FILE REFERENCE: A34001-A / 072396.0222
;  CURRENT APPLICATION NUMBER: US/10/079,075
;  CURRENT FILING DATE:  2002-02-19
;  NUMBER OF SEQ ID NOS: 12
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
;   LENGTH: 28
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
US-10-079-075-1


  Query Match             100.0%;  Score 135;  DB 24;  Length 28;
  Best Local Similarity   100.0%;  Pred. No. 2.7e-12;
  Matches   28;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
          ||||||||||||||||||||||||||||
Db      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28


RESULT   6
PCT-US02-04432-2
; Sequence 2, Application PC/TUS0204432
; GENERAL INFORMATION:
;  APPLICANT: Ronald C. Montelaro
;  APPLICANT:  Timothy A. Mietzner
;  TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;  FILE REFERENCE: A34001-PCT / 072396.0223
;  CURRENT APPLICATION NUMBER: PCT/US02/04432
;  CURRENT FILING DATE:  2002-02-13
;  NUMBER OF SEQ ID NOS: 12
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
;   LENGTH: 31
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04432-2


  Query Match             100.0%;  Score 135;  DB 1;  Length 31;
  Best Local Similarity   100.0%;  Pred. No. 3e-12;
  Matches   28;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
```

```
              ||||||||||||||||||||||||||||
Db      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28


RESULT   7
PCT-US02-04812-2
; Sequence 2, Application PC/TUS0204812
; GENERAL INFORMATION:
;  APPLICANT: Ronald C. Montelaro
;  APPLICANT:  Timothy A. Mietzner
;  TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;  FILE REFERENCE: A34001-PCT / 072396.0223
;  CURRENT APPLICATION NUMBER: PCT/US02/04812
;  CURRENT FILING DATE:  2002-02-19
;  NUMBER OF SEQ ID NOS: 12
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
;   LENGTH: 31
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04812-2


  Query Match             100.0%;  Score 135;  DB 1;  Length 31;
  Best Local Similarity   100.0%;  Pred. No. 3e-12;
  Matches   28;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
              ||||||||||||||||||||||||||||
Db      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28


RESULT   8
US-09-785-058-2
; Sequence 2, Application US/09785058
; GENERAL INFORMATION:
;  APPLICANT: Ronald C. Montelaro
;  APPLICANT:  Timothy A. Mietzner
;  TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;  FILE REFERENCE: A 34001 / 072396.0222
;  CURRENT APPLICATION NUMBER: US/09/785,058
;  CURRENT FILING DATE:  2001-02-16
;  NUMBER OF SEQ ID NOS: 12
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
;   LENGTH: 31
;   TYPE: PRT
;   ORGANISM: Artifical sequence
;   FEATURE:
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-058-2


  Query Match             100.0%;  Score 135;  DB 21;  Length 31;
  Best Local Similarity   100.0%;  Pred. No. 3e-12;
  Matches   28;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
              ||||||||||||||||||||||||||||
Db      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28


RESULT   9
US-09-785-059-2
; Sequence 2, Application US/09785059
; GENERAL INFORMATION:
;  APPLICANT: Ronald C. Montelaro
;  APPLICANT:  Timothy A. Mietzner
;  TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;  FILE REFERENCE: A33577 / 072396.0217
;  CURRENT APPLICATION NUMBER: US/09/785,059
;  CURRENT FILING DATE:  2001-02-16
;  NUMBER OF SEQ ID NOS: 12
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
;   LENGTH: 31
;   TYPE: PRT
;   ORGANISM: Artifical sequence
;   FEATURE:
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-059-2


  Query Match             100.0%;  Score 135;  DB 21;  Length 31;
  Best Local Similarity   100.0%;  Pred. No. 3e-12;
  Matches   28;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
              ||||||||||||||||||||||||||||
Db      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28


RESULT  10
US-10-079-075-2
; Sequence 2, Application US/10079075
; GENERAL INFORMATION:
;  APPLICANT: Ronald C. Montelaro
;  APPLICANT:  Timothy A. Mietzner
;  TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;  FILE REFERENCE: A34001-A / 072396.0222
;  CURRENT APPLICATION NUMBER: US/10/079,075
;  CURRENT FILING DATE:  2002-02-19
;  NUMBER OF SEQ ID NOS: 12
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
;   LENGTH: 31
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
US-10-079-075-2


  Query Match             100.0%;  Score 135;  DB 24;  Length 31;
  Best Local Similarity   100.0%;  Pred. No. 3e-12;
  Matches   28;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
              ||||||||||||||||||||||||||||
Db      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28


RESULT  11
US-08-786-748-160
; Sequence 160, Application US/08786748
;  GENERAL INFORMATION:
;    APPLICANT:  Ronald, Montelaro C.
;    APPLICANT:  Tencza, Sarah B.
;    APPLICANT:  Mietzner, Timothy A.
;    TITLE OF INVENTION:  NOVEL ANTIMICROBIAL PEPTIDES
;    NUMBER OF SEQUENCES:  168
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Brumbaugh, Graves, Donohue & Raymond
;      STREET:  30 Rockefeller Plaza
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10112-0228
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 2.0
;    CURRENT APPLICATION DATA:
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;       APPLICATION NUMBER:  US/08/786,748
;       FILING DATE:  24-JAN-1997
;       CLASSIFICATION:  514
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  60/010,634
;       FILING DATE:  26-JAN-1996
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Rochelle K. Seide
;       REGISTRATION NUMBER:  32,300
;       REFERENCE/DOCKET NUMBER:  AP30421
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  212-408-2500
;       TELEFAX:  212-765-2519
;   INFORMATION FOR SEQ ID NO:  160:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  28 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  None
US-08-786-748-160


  Query Match             90.4%;  Score 122;  DB 11;  Length 28;
  Best Local Similarity   92.9%;  Pred. No. 2.1e-10;
  Matches   26;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
           ||||||| |||||||| ||||||||||
Db       1 RVIRVVQGACRAIRHIPRRIRQGLRRIL 28


RESULT  12
US-08-786-748-14
; Sequence 14, Application US/08786748
;  GENERAL INFORMATION:
;    APPLICANT:  Ronald, Montelaro C.
;    APPLICANT:  Tencza, Sarah B.
;    APPLICANT:  Mietzner, Timothy A.
;    TITLE OF INVENTION:  NOVEL ANTIMICROBIAL PEPTIDES
;    NUMBER OF SEQUENCES:  168
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Brumbaugh, Graves, Donohue & Raymond
;      STREET:  30 Rockefeller Plaza
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10112-0228
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/786,748
;      FILING DATE:  24-JAN-1997
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/010,634
;      FILING DATE:  26-JAN-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Rochelle K. Seide
;      REGISTRATION NUMBER:  32,300
;      REFERENCE/DOCKET NUMBER:  AP30421
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  212-408-2500
;      TELEFAX:  212-765-2519
;  INFORMATION FOR SEQ ID NO:  14:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  28 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  None
US-08-786-748-14


  Query Match             86.7%;  Score 117;  DB 11;  Length 28;
  Best Local Similarity   89.3%;  Pred. No. 1.2e-09;
  Matches   25;  Conservative    0;  Mismatches    3;  Indels    0;  Gaps    0;

Qy       1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
           ||||||| |||||||| ||||||| |||
Db       1 RVIRVVQGACRAIRHIPRRIRQGLERIL 28


RESULT  13
US-08-786-748-19
; Sequence 19, Application US/08786748
;  GENERAL INFORMATION:
;    APPLICANT:  Ronald, Montelaro C.
;    APPLICANT:  Tencza, Sarah B.
;    APPLICANT:  Mietzner, Timothy A.
;    TITLE OF INVENTION:  NOVEL ANTIMICROBIAL PEPTIDES
;    NUMBER OF SEQUENCES:  168
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Brumbaugh, Graves, Donohue & Raymond
;      STREET:  30 Rockefeller Plaza
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10112-0228
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/786,748
;      FILING DATE:  24-JAN-1997
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/010,634
;      FILING DATE:  26-JAN-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Rochelle K. Seide
;      REGISTRATION NUMBER:  32,300
;      REFERENCE/DOCKET NUMBER:  AP30421
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  212-408-2500
;      TELEFAX:  212-765-2519
;  INFORMATION FOR SEQ ID NO:  19:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  28 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  None
US-08-786-748-19


  Query Match             86.7%;  Score 117;  DB 11;  Length 28;
  Best Local Similarity   89.3%;  Pred. No. 1.2e-09;
  Matches   25;  Conservative    0;  Mismatches    3;  Indels    0;  Gaps    0;

Qy       1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
           ||| ||| |||||||| ||||||||||
Db       1 RVIEVVQGACRAIRHIPRRIRQGLRRIL 28


RESULT  14
US-08-786-748-24
; Sequence 24, Application US/08786748
;  GENERAL INFORMATION:
;    APPLICANT:  Ronald, Montelaro C.
;    APPLICANT:  Tencza, Sarah B.
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;    APPLICANT:  Mietzner, Timothy A.
;    TITLE OF INVENTION:  NOVEL ANTIMICROBIAL PEPTIDES
;    NUMBER OF SEQUENCES:  168
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Brumbaugh, Graves, Donohue & Raymond
;      STREET:  30 Rockefeller Plaza
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10112-0228
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/786,748
;      FILING DATE:  24-JAN-1997
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/010,634
;      FILING DATE:  26-JAN-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Rochelle K. Seide
;      REGISTRATION NUMBER:  32,300
;      REFERENCE/DOCKET NUMBER:  AP30421
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  212-408-2500
;      TELEFAX:  212-765-2519
;  INFORMATION FOR SEQ ID NO:  24:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  28 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  None
US-08-786-748-24


  Query Match             86.7%;  Score 117;  DB 11;  Length 28;
  Best Local Similarity   89.3%;  Pred. No. 1.2e-09;
  Matches   25;  Conservative    0;  Mismatches    3;  Indels    0;  Gaps    0;

Qy      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
          ||||||| |||||||| ||||||| |||
Db      1 RVIRVVQGACRAIRHIPRRIRQGLERIL 28


RESULT  15
US-08-786-748-1
; Sequence 1, Application US/08786748
;  GENERAL INFORMATION:
;    APPLICANT:  Ronald, Montelaro C.
;    APPLICANT:  Tencza, Sarah B.
;    APPLICANT:  Mietzner, Timothy A.
;    TITLE OF INVENTION:  NOVEL ANTIMICROBIAL PEPTIDES
;    NUMBER OF SEQUENCES:  168
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Brumbaugh, Graves, Donohue & Raymond
;      STREET:  30 Rockefeller Plaza
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10112-0228
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/786,748
;      FILING DATE:  24-JAN-1997
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/010,634
;      FILING DATE:  26-JAN-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Rochelle K. Seide
;      REGISTRATION NUMBER:  32,300
;      REFERENCE/DOCKET NUMBER:  AP30421
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  212-408-2500
;      TELEFAX:  212-765-2519
;  INFORMATION FOR SEQ ID NO:  1:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  28 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  None
US-08-786-748-1


  Query Match             83.0%;  Score 112;  DB 11;  Length 28;
  Best Local Similarity   85.7%;  Pred. No. 6.2e-09;
  Matches   24;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy      1 RVIRVVQRACRAIRHIVRRIRQGLRRIL 28
          ||| ||| |||||||| ||||||| |||
Db      1 RVIEVVQGACRAIRHIPRRIRQGLERIL 28


Search completed: August 14, 2002, 10:57:09
Job time: 515 sec
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